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<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 1 of 3	<b>Complete if Known</b>	
	Application Number	10/748,061
	Filing Date	December 30, 2003
	First Named Inventor	Patrick A. Tresco
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	2300.2.1.8

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If Known)			
MPC	U1	US-6,670,199-B2	12/30/2003	Caldwell et al.	
	U2	US-6,284,503-B1	09/04/2001	Caldwell et al.	
	U3	US-5,728,588-B1	03/17/1998	Caldwell, et al.	
	U4	US-5,567,859-B1	10/22/1996	Emanuele et al.	
	U5	US-5,516,703-B1	05/14/1996	Caldwell et al.	
	U6	US-5,405,618-B1	04/11/1995	Buttery et al.	
	U7	US-5,248,820-B1	09/28/1993	Murtiashaw	
	U8	US-5,219,926-B1	06/15/1993	Lindman et al.	
	U9	US-5,043,278-B1	08/27/1991	Nagaoaka et al.	
	U10	US-5,006,333-B1	04/09/1991	Saifer et al.	
	U11	US-4,929,510-B1	05/29/1990	Ruckenstein, et al.	
	U12	US-4,711,951-B1	12/08/1987	Axen et al.	
	U13	US-4,330,677-B1	05/18/1982	Linke et al.	
	U14	US-4,264,766-B1	04/28/1981	Fischer	
	U15	US-4,259,474-B1	03/31/1981	Chakrabarti et al.	
	U16	US-4,179,337-B1	12/18/1979	Davis et al.	
	U17	US-4,149,003-B1	04/10/1979	Carlsson et al.	
	U18	US-4,048,416-B1	09/13/1977	Axen et al.	
MPC	U19	US-3,966,580-B1	06/29/1976	Janata et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)				
MPC	F1	WO-95/062519	03/02/1995			
MPC	F2	PCT/US96/259210	08/29/1996			

Examiner Signature	Mary E. Ceperley	Date Considered	08/03/05
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		Attorney Docket Number	2300.2.1.8

MEC	F3	WO-9616541	06/06/1996			
	✓ F4	WO-9615223	05/23/1996			
	✓ F5	WO-9604924	02/22/1996			
	✓ F6	WO-92/16555	10/01/1992			
	✓ F7	WO-89/01033	02/09/1989			
	✓ F8	EP-215,456	03/25/1987			
	✓ F9	EP-98,110	01/11/1984			
MEC	F10	EP-11,237	05/28/1980			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MEC	01	Li et al., "Chemical Modification of Surface Active Poly (ethylene oxide) - Poly (propylene oxide) Triblock Copolymers," Bioconjugate Chem., 1996 7, 592-99	
	✓ 02	Kioukia et al., "Influence of Agitation and Sparging on the Growth Rate and Infection of Insect Cells in Bioreactors and a Comparison with Hybridoma Culture," Biotechnology Program, 1996, 12 (6) 779-785	
	✓ 03	Johnston, "Adsorption of Recombinant Human Granulocyte Colony Stimulating Factor (rhG-CSF) to Polyvinyl Chloride, Polypropylene, and Glass: Effect of Solvent Additives" Journal Of Pharmacy Science Technology, 1996, 50 (4) 238-245	
	✓ 04	Topchieva, "Conjugates of Proteins with Block Polymers of Ethylene Oxide and Propylene Oxide," Chemistry Modif. Enzymes, 1996, 637-654	
	✓ 05	Li et al., "Plasma Protein Interactions with Pluronic-Treated Colloids," Colloids Surf., 1996, 7 (1/2) 9-22	
	✓ 06	Jansen et al., "Coadsorption of Steroids and Nonionic Surfactants on Polystyrene Latex Particles from Aqueous Solutions," Journal of Colloid Interface Science., 1996, 179 (2), 578-586	
	✓ 07	Edwards, et al. "Effects of Pluronic F-68 (Poloxamer 188) on Platelet Aggregation in Human Whole Blood," Thromb. Res., 1996, 81 (4) 511-12.	
	✓ 08	Dewez et al., "Coupled Influence of Substratum Hydrophilicity and Surfactant on Epithelial Cell Adhesion", Journal of Biomedical Material Research, 1996, 30 (3) 373-78	
	✓ 09	Efremova et al., "Conjugates of A-Chymotrypsin with Poly (alkylene oxides) in Hydrated Reversed Micelles", Biokhimiya, (Moscow), 1996, 61(1) 160-169	
	✓ 010	Dewez et al., "Coupled Influence of Substratum Hydrophilicity and Surfactant on Epithelial Cell Adhesion", Journal of Biomedical Materials Res., 1996, 30 (3) 373-383	
MEC	011	McPherson, et al., "Analysis of the Prevention of Protein Adsorption by Steric Repulsion Theory", ACS Symp. Ser., 1995, 602 (Proteins at Interfaces 2), 395-404	

Examiner Signature	Mary E. Ceperley	Date Considered	08/23/05
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		Attorney Docket Number	2300.2.1.8
Sheet	3	of	3

MCC	✓	O12	Lowe et al., "Enhanced Protoplast Growth at the Interface Between Oxygenated Fluorocarbon Liquid and Aqueous Culture Medium Supplemented with Pluronic F-68," Artificial Cells, Blood Substitutes, Immobilization Biotechnology, 1995, 23(3), 417-422	
	✓	O13	Yan et al., "Calorimetric Observations of Protein Conformation at Solid-Liquid Interfaces", Protein Conformation at Solid-Liquid Interfaces, 1995, 257-268	
	✓	O14	Topchieva et al., "Conjugates of Proteins with Block Co-Polymers of Ethylene and Propylene Oxides," Biotechnol., Genet. Eng. Rev., 1994, Volume date 1994, 12, 357-382	
	✓	O15	Armstrong et al., "Protein Adsorption to Potential Drug Targeting System," Proc. Int. Symp. Controlled Release Bioact. Mater., 1994, 21 <sup>st</sup> , 182-83	
	✓	O16	Schroen et al., "Membrane Modification to Avoid Wettability Changes Due to Protein Adsorption in an Emulsion/Membrant Bioreactor," Journal of Membrane Science, 80, 1993, 265-274	
	✓	O17	Rudt et al., "In Vitro Phagocytosis Assay of Nano- and Microparticles by Chemiluminescence, II. Effect of Surface Modification by Coating of Particles with Poloxamer on the Phagocytic Uptake," Journal of Controlled Release, 25, 1993, pp. 51-59.	
	✓	O18	Zhang et al., "Effect of Pluronic F-68 on the Mechanical Properties of Mammalian Cells", Enzyme Microb. Technol. 1992, 14(12), 980-83.	
	✓	O19	Al-Rubeai, et al. "The Effect of Pluronic F-68 on Hybridoma Cells in Continuous Culture," Appl. Microbiol. Biotechnol., 1992, 37(1), 44-45	
	✓	O20	Brinkley, "A Brief Survey of Methods for Preparing Protein Conjugates with Dyes, Haptens, and Cross-Linking Reagents," Bioconjugate Chem. 1992, 3, pp. 2-13.	
	✓	O21	Tiberg et al., "Immobilization of Protein to Surface-Grafted PEO/PPO Block Copolymers", Colloid & Polymer Science, 270m 1992, 1188-93	
	✓	O22	Li et al., "Size Analysis of a Block Copolymer-Coated Polystyrene Latex," American Chemical Society, 1991, Chapter 16, 246-262	
	✓	O23	Schumpp et al., "Optimization of Culture Conditions for High Cell Density Proliferation of HL-60 Human Promyelocytic Leukemia Cells," Journal of Cell Science, 1990, 97 (4), 639-647	
	✓	O24	Lee et al., "Protein-Resistant Surfaces Prepared by PEO-Containing Block Copolymer Surfactants," Journal of Biomedical Materials Research, Vol. 23, 1989, 351-368	
	✓	O25	Carlsson et al., "Protein Thiolation and Reversible Protein-Protein Conjugation," BioChem Journal 173, 1978, 723-737	
	✓	O26	Kabakoff, "Chemical Aspects of Enzyme-Immunoassay," Enzyme-Immunoassay, Chapter 4, 71-105	
	✓	O27	Li, Janq-Thun, "Plasma Protein Interactions with Copolymer-Stabilized Colloids," Dissertation Abstracts International, Vol. 54, No. 78, 3735 (1993)	
MCC		O28	Kirilova, G.P., et al. "The Influence of Pluronics and Their Conjugates with Proteins on the Rate of Oxygen Consumption by Liver Mitochondria and Thymus Lymphocytes." Biotechnol., Appl. Biochem., Vol. 18, No. 3 329-339 (1993)	

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